
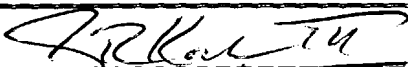


Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known		
				Application Number	To be assigned	
				Filing Date	Concurrently herewith	
				First Named Inventor	Scott T. Holmes	
				Group Art Unit	1734	
Sheet	1	of	2	Examiner Name	George R. Koch	
				Attorney Docket Number	38190/269409	
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
GRK ↓ ↓ ↓ ↓ ↓	1	US-5,177,340	01-05-1993	Zaffiro	_____	
	2	US-5,562,788	10-08-1996	Kitson, et al.	_____	
	3	US-5,626,471	05-06-1997	Howie, et al.	_____	
	4	US-5,886,313	03-23-1999	Krause, et al.	_____	
	5	US-6,451,152 B1	09-17-2002	Holmes, et al.	_____	
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
GRK	6	DE 42 34 342 A1	04-14-1994	Fraunhofer Ges	_____	
Examiner Signature				Date Considered	2/22/04	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	2	of	2	Attorney Docket Number	38190/269409
OTHER DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
GRK	7	ENGELBART, ROGER W., ET AL., In-Process Monitoring of Pre-Staged Fiber Placement Tows Using Nuclear Magnetic Resonance (NMR), Proceedings of the 43 rd International SAMPE Symposium, Anaheim, California, May 31 – June 4, 1998			✓
↓	8	LICHTENWALNER, P.F., Neural Network-Based Control for the Fiber Placement Composite Manufacturing Process, Journal of Materials Engineering and Performance, Vol. 2(5), October 1993, page 687			✓
↓	9	Wang, Eric L., Effects of Laps and Gaps on the Processing of Advanced Thermoplastic Composites, Thesis, Massachusetts Institute of Technology, January 1991			✓
<div style="border-bottom: 1px solid black; width: 100%;"></div>					
Examiner Signature				Date Considered	2/22/04

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